

REMARKS

Applicants respectfully request continued examination of this application as amended. Claims 1-2, 4-5, and 16-18 are pending in the application. Claims 1, and 16-17 have been amended. New claims 19-21 have been added without introducing any new matter.

In the Office Action, the Examiner rejected claims 1-2, 4-5, and 17-19 under 35 U.S.C. §103(a) as being unpatentable over Yap et al. (U.S. Patent No. 6,285,043; hereinafter, "Yap") in view of Cheon et al. (U.S. 6,194,774; hereinafter, "Cheon"). Applicants respectfully traverse the rejections.

Claim 1 as amended sets forth a package comprising a coil having a first end and a second end, a resistor, and a transmission line, wherein the coil electrically isolates the resistor from the transmission line. The Examiner argued in the Office Action that Yap discloses an inductor to electrically isolate at least two circuit components, referring to Figure 3b of Yap (Office Action, p.2, fifth paragraph). Applicants respectfully disagree with the Examiner. Yap merely discloses two inductors (I1, I2) in an optoelectronic receiver 52 (Yap, Figures 3a-3b; col. 4, lines 41-44). Yap fails to disclose a coil coupled to a resistor and a transmission line to electrically isolate the resistor from the transmission line.

Regarding Cheon, Cheon merely discloses an inductor including bonding wire. Cheon fails to disclose or suggest a coil coupled to a resistor and a transmission line to electrically isolate the resistor from the transmission line. Therefore, the combination of Yap and Cheon fails to disclose at least one element set forth in claim 1 as amended. Applicants respectfully submit that claim 1 as amended is patentable over Yap in view of Cheon. Withdrawal of the rejection is respectfully requested.

Claims 2, 4-5, and 18-19 depend from claim 1, and therefore, claims 2, 4-5, and 18 are patentable over Yap in view of Cheon for at least the reasons discussed above with respect to claim 1. Applicants respectfully request the Examiner to withdraw the rejections.

For at least the reasons discussed above with respect to claim 1, claims 16 and 17 as amended are patentable over Yap in view of Cheon. Applicants respectfully request withdrawal of the rejections.

Claims 19-21 have been added. These claims set forth that the resistor is part of a DC circuit. Applicants respectfully submit that these claims are in condition for allowance for the same reason given above.

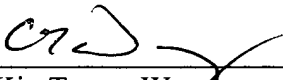
Accordingly, Applicant respectfully submits that the rejections have been overcome by the amendments and the remarks and withdrawal of these rejections is respectfully requested. Applicant submits that claims 1, 2, 4, 5, and 16-18 as amended and claims 19-21 as added are now in condition for allowance and such action is earnestly solicited.

Please charge any shortages and credit any overcharges to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

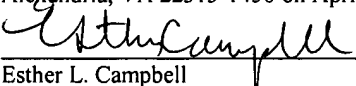
Dated: April 27, 2004



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Esther L. Campbell

4-27-04
Date